LABDEX

Biological Safety Cabinet LX11BSC

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Description

It is designed to provide three protection which is operator, sample and environment and it is floor-mounted containment with 70% air circulation and 30% air exhaustion. Equipped with a Large LCD display by which the user can check the detailed status of the cabinet, such as inflow and down flow velocity, work area temperature and humidity, filter pressure, UV working time and filter working time, filter life indicator, etc. It is mainly suitable for microbiological research without volatile or toxic chemicals and radionuclides.

Specifications

Internal dimension (W x D x H)	1210 x 600 x 660 mm
External dimension (W x D x H)	1383 x 775 x 2295 mm
Work surface height	750 mm
Max Opening	550 mm
Tested opening	Safety height 200 mm
Airflow inflow volume	462m³/h(205cfm)
Airflow downflow volume	65%:863m³/h(382cfm)
Airflow exhaust volume	35%:462m³/h(205cfm)
Front window	Manual. Two-layer laminated toughened glass ≥5mm. Anti UV
HEPA Filter	Two, 99.999% efficiency at 0.3um, filter life indicator
Noise	EN12469 ≤65dB
Filter guard type	Aluminum alloy frame

Illumination	≥1000Lux
Display	LCD Display
Waterproof socket	2
Tap	Water tap x 1, Gas tap x 1
Ground resistance	≤ 0.10Ω
Alarm	Abnormal airflow velocity, Filter replacement, Front window at unsafe height, High filter pressure alarm
AC motor	One ECM motor, 230V acceptable, Speed adjustable, high efficiency and low power consumption
Frame and decorative plate	Cold-rolled steel with anti-bacteria powder coating
Material	304 stainless steel
UV lamp	30 W
LED lamp	18 W
Emission	253.7 nanometers for most efficient decontamination
Power supply	AC230V, 50Hz
Power consumption	≤600 W
Package dimension (W x D x H)	1540 x 1080 x 1900 mm
Gross weight	340 Kg

Features

- Manual front window with laminated toughened glass
- Large LCD display
- Interlock function
- Came with a germicidal UV lamp, UV timer and UV life indicator
- Automatic air speed adjustable with filter block
- Front 10° slanted to offer operator comfort while working for a long time
- Waterproof socket

Applications

- Used in laboratories in which the user can performs procedures with non-volatile, lightly volatile, radionuclide, chemical protection, etc.

Standard Accessories

Accessory no	Specifications
1	Remote control
2	UV lamp x 1 Pcs
3	LED lamp x 2 Pcs
4	Base stand
5	SS Water & Gas tap
6	Waterproof sockets x 2 Pcs
7	Drain valve
8	Stainless steel I.V. bar with 10 hooks

Optional Accessories

Accessory no	Specifications
1	Armrest
2	Airflow tester
3	Formalin fumigation sterilizer
4	Infrared sterilizer
5	Motorized front window
6	Electric height adjustable base stand

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